In the Claims:

This listing of claims represents the most recent version of claims in the application. No claims are amended hereby.

Claim 17 (previously presented): A configuration management system, comprising:

a configuration device configured to perform configuration management functions on objects within said configuration management system;

a display device configured to display a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display;

a server machine for executing said configuration device and producing display information for said representation of said objects within said configuration management system; and

a network interface connecting said server machine to a network, wherein said network interface is a web interface and said network is one of the Internet and an intranet, wherein said server machine transmits information produced by said configuration device and said display information over said network for display on a remote computer, wherein the transmitted information includes one of an Active X component, Visual Java program, Java applet, and PERL program configured to utilize the information produced by said configuration device in said presentation.

Claim 18 (previously presented): The configuration management system according to Claim 17, wherein said one of an Active X component, Visual Java Program, Java applet, and PERL program are further configured to provide access to selected of said configuration management functions.

Claim 19 (original): The configuration management system according to Claim 18, wherein said selected configuration management functions include at least one of object state changes, object check-in, object check-out, create package, difference of disparate objects, move package, promote package, demote package, snapshot, approve, list version, list

difference, remove item, notify, concurrent merge, cross environment verge, interactive merge, execute user defined process (UDP); and

said state changes are performed by drag and drop procedures utilizing said representation of said objects.

Claim 20 (previously presented): A configuration management system, comprising:

a configuration device configured to perform configuration management functions on objects within said configuration management system;

a display device configured to display a representation of said objects in a presentation having a tree display of objects in said configuration management system, ,and a content display that displays items selected in said tree display;

a server machine for executing said configuration device and producing display information for said representation of said objects within said configuration management system; a network interface connecting said server machine to a network, wherein said network interface is a web interface and said network is one of the Internet and an intranet, wherein

said server machine transmits information produced by said configuration device and said display information over said network for display on a remote computer; and

a report generator configured to produce at least one of access reports, version control reports, arid package based reports based on at least one selected of said objects, wherein each of said reports generated by said report generator are formatted as HTML documents and sent via said network interface by said server machine for display on said remote computer.

Claim 21 (previously presented): A configuration management system, comprising:

a configuration device configured to perform configuration management functions on objects within said configuration management system;

a display device configured to display a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display; and

a report generator configured to produce at least one of access reports, version control

reports and package based reports based on at least one selected of said objects within said configuration management system.

Claim 22 (original): The configuration management system according to Claim 21, wherein said report generator generates: said access reports when the selected object is one of a user group, object, and environment;

said package based reports when the selected object is a package; and

said version control reports when the selected object is a package.

Claim 23 (original): The configuration management system according to Claim 22, wherein said report generator is configured to produce said reports in InfoReport report formats.

Claim 24 (original): The configuration management system according to Claim 22, wherein:

said access reports include information indicating which users and user groups have access to execute specified functions in an environment;

said version control reports include a list of items organized by at least one of version, check out parameters, branches, modification by user, modification by environment, and current release; and

said package based reports include a list of items organized by at least one of items modified by packages, packages by state, time in state, and packages by form items.

Claim 41 (previously presented): A method of interacting with a configuration management system, comprising the steps of:

managing performance of configuration management functions on objects within said configuration management system;

displaying a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display;

executing said configuration management system on a server machine in order to produce display information for said representation of said objects within said configuration management system;

connecting said server machine to a network via a network interface, wherein said network interface is a web interface and said network is one of the Internet and an intranet;

transmitting said display information produced by said configuration management system over said network for display on a remote computer; and

formatting said display information as at least one of an Active X component, Visual Java program, Java applet, and PERL program configured to produce said presentation.

Claim 42 (previously presented): The method according to Claim 41, wherein said one of an Active X component, Visual Java Program, Java applet, and PERL program are further configured to provide access to selected of said configuration management functions.

Claim 43 (original): The method according to Claim 42, wherein:

said selected configuration management functions include at least one of object state changes, object check-in, object check-out, create package, difference of disparate objects, move package, promote package, demote package, snapshot, approve, list version, list difference, remove item, notify, concurrent merge, cross environment verge, interactive merge, execute user defined process (UDP); and

said method further comprises the step of:

performing said state changes by drag and drop procedures utilizing said representation of said objects.

Claim 44 (previously presented): A method of interacting with a configuration management system, comprising the steps of:

managing performance of configuration management functions on objects within said configuration management system;

displaying a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display;

executing said configuration management system on a server machine in order to produce display information for said representation of said objects within said configuration management system;

connecting said server machine to a network via a network interface, wherein said network interface is a web interface and said network is one of the Internet and an intranet;

transmitting said display information produced by said configuration management system over said network for display on a remote computer;

generating at least one of access reports, version control reports, and package based reports based on at least one selected of said objects; and

formatting said reports generated as HTML documents and sent via said network by said server machine for display on said remote computer.

Claim 45 (previously presented): A method of interacting with a configuration management system, comprising the steps of:

managing performance of configuration management functions on objects within said configuration management system;

displaying a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display; and

generating at least one of access reports, version control reports and package based reports based on at least one selected of said objects within said configuration management system.

Claim 46 (original): The method according to Claim 45, wherein said step of generating comprises the steps of:

producing said access reports when the selected object is one of a user group, object, and environment;

producing said package based reports when the selected object is a package; and

producing said version control reports when the selected object is a package.

Claim 47 (original): The method according to Claim 46, wherein said report generator is configured to produce said reports in InfoReport report formats.

Claim 48 (original) The method according to Claim 46, wherein:

said step of producing said access reports includes the step of indicating which users and user groups have access to execute specified functions in an environment;

said step of producing said version control reports includes organizing a list of items by at least one of version, check out parameters, branches, modification by user, modification by environment, and current release; and

said step of producing said package based reports includes organizing a list of items by at least one of items modified by packages, packages by state, time in state, and packages by form items.

Claim 65 (previously presented): A computer readable medium having computer instructions stored thereon that, when loaded into a computer, cause the computer to perform the steps of:

managing performance of configuration management functions on objects within a configuration management system;

displaying a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display;

executing said configuration management system on a server machine in order to produce display information for said representation of said objects within said configuration management system;

connecting said server machine to a network via a network interface, wherein said network interface is a web interface and said network is one of the Internet and an intranet;

transmitting said display information produced by said configuration management

system over said network for display on a remote computer; and

formatting said display information as at least one of an Active X component, Visual Java program, Java applet, and PERL program configured to produce said presentation.

Claim 66 (previously presented): The computer readable medium according to Claim 65, wherein said one of an Active X component, Visual Java Program, Java applet, and PERL
program are further configured to provide access to selected of said configuration management functions.

Claim 67 (original): The computer readable medium according to Claim 66, wherein:

said selected configuration management functions include at least one of object state changes, object check-in, object check-out, create package, difference of disparate objects, move package, promote package, demote package, snapshot, approve, list version, list difference, remove item, notify, concurrent merge, cross environment verge, interactive merge, execute user defined process (UDP); and said instructions stored thereon further cause the computer to perform the step of:

performing said state changes by drag and drop procedures utilizing said representation of said objects.

Claim 68 (previously presented): A computer readable medium having computer instructions stored thereon that, when loaded into a computer, cause the computer to perform the steps of:

managing performance of configuration management functions on objects within a configuration management system;

displaying a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display;

executing said configuration management system on a server machine in order to

produce display information for said representation of said objects within said configuration management system;

connecting said server machine to a network via a network interface, wherein said network interface is a web interface and said network is one of the Internet and an intranet;

transmitting said display information produced by said configuration management system over said network for display on a remote computer;

generating at least one of access reports, version control reports, and package based reports based on at least one selected of said objects; and

formatting said reports generated as HTML documents and sent via said network by said server machine for display on said remote computer.

Claim 69 (previously presented): A computer readable medium having computer instructions stored thereon that, when loaded into a computer, cause the computer to perform the steps of:

managing performance of configuration management functions on objects within a configuration management system;

displaying a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display; and

generating at least one of access reports, version control reports and package based reports based on at least one selected of said objects within said configuration management system.

Claim 70 (original): The computer readable medium according to Claim 69, wherein said step of generating comprises the steps of:

producing said access reports when the selected object is one of a user group, object, and environment;

producing said package based reports when the selected object is a package; and

producing said version control reports when the selected object is a package.

Claim 71 (original): The computer readable medium according to Claim 46, wherein said report generator is configured to produce said reports in InfoReport report formats.

Claim 72 (original): The computer readable medium according to Claim 70, wherein:

said step of producing said access reports includes the step of indicating which users and user groups have access to execute specified functions in an environment;

said step of producing said version control reports includes organizing a list of items by at least one of version, check out parameters, branches, modification by user, modification by environment, and current release; and

said step of producing said package based reports includes organizing a list of items by at least one of items modified by packages, packages by state, time in state, and packages by form items.

Claim 81 (previously presented) A configuration management system, comprising:

means for performing configuration management functions on objects within said configuration management system;

means for displaying a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display;

means for connecting said means for performing configuration management functions to a network via a network interface, wherein said network interface is a web interface and said network is one of the Internet and an intranet;

means for transmitting information produced by said means for performing configuration management functions over said network for display on a remote computer; and

means for formatting the information transmitted as one of an Active X component, Visual Java program, Java applet, and PERL program configured to utilize the information.

Claim 82 (previously presented): A configuration management system, comprising:

means for performing configuration management functions on objects within said configuration management system;

means for displaying a representation of said objects in ,a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display; and

means for generating at least one of access reports, version control reports and package based reports based on at least one selected of said objects within said configuration management system.

Claim 83 (original): The configuration management system according to Claim 82, wherein said means for generating comprises:

means for producing said access reports when the selected object is one of a user group, object, and environment;

means for producing said package based reports when the selected object is a package; and

means for producing said version control reports when the selected object is a package.

Claim 84 (previously presented): A configuration management system, comprising:

a configuration device configured to perform configuration management functions on objects within said configuration management system, wherein said objects within said configuration management system include versions;

a display device configured to display a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display;

a registration device configured to register an application as associated with a type of version; and

a view version device configured to,

check out a version from said configuration management system, and

execute an application registered as associated with the version checked out.

Claim 85 (original): The configuration management system according to Claim 84, wherein:

said application executed by said view version device reads the version checked out for display and operation in the application; and

said view version device is invoked by identifying a representation of the version to be viewed.

Claim 86 (previously presented): A method of interacting with a configuration management system, comprising the steps of:

managing performance of configuration management functions on objects within said configuration management system;

displaying a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display;

registering an application as being associated with at least one type of version included in said objects within said configuration management system; and

performing a version view by,

checking out a selected version from said objects within said configuration management system;

executing the application associated with the checked out selected version; and

utilizing the checked out selected version in the application executed.

Claim 87 (previously presented): A computer readable medium having computer instructions stored thereon that, when loaded into a computer, cause the computer to perform the steps of:

managing performance of configuration management functions on objects within a configuration management system;

displaying a representation of said objects in a presentation having a tree display of objects in said configuration management system, and a content display that displays items selected in said tree display;

registering an application as being associated with at least one type of version included in said objects within said configuration management system; and

performing a version view by,

checking out a selected version from said objects within said

configuration

management system;

executing the application associated with the checked out selected version; and

utilizing the checked out selected version in the application executed.